CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	CP-RW-2017-06-08-01 **Date: 09-06-17**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	08-06-17
Sample ID No	:	2017-06-08-01-01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	08-06-17

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	345.0	345.0
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	270.8	270.3
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.3	0.7
5	Aggregate impact value	(B/A)*100	21.4	21.5
6	Aggregate impact value (Mean of two tests)	Pecentage	21.4	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-06-08-01** **Date: 09-06-17**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	08-06-17
Sample ID No	:	2017-06-08-01-01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	08-06-17

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	14.5%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	13.2%	
Combined Flakiness and Elongation Index for WMM	27.7%	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2017-06-08-01** **Date: 09-06-17**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	08-06-17
Sample ID No	:	2017-06-08-01-01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	08-06-17
Oven Dry Weight	:	11585 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0	100	100
45	335	335	2.89	97.11	95-100
22.4	2259	2594	22.39	77.61	60-80
11.2	2171	4765	41.13	58.87	40-60
4.75	2258	7023	60.62	39.38	25-40
2.36	1602	8625	74.45	25.55	15-30
0.6	610	9235	79.72	20.28	8-22
0.075	2150	11385	98.27	1.73	0-5

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

TESTS RESULTS ON AGGREGATE IMPACT VALUE
(IS:2386 Part IV)

Lab ID	:	**CP-RW-2017-06-13-01** **Date: 14-06-17**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by the Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-06-17
Sample ID No	:	2017-06-13-01/01
Type of Mix	:	Coarse Aggregate for BC (Bituminous Mecadam)
Date of test	:	13-06-17

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	294	296
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	70.9	71.3
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	222.7	224.3
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.4
5	Aggregate impct value	(B/A)*100	24.12	24.09
6	Aggregate impct value (Mean of two tests)		24.10	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro. Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

SPECIFIC GRAVITY AND WATER ABSORPTION TEST
(IS:2386 Part III)

Lab ID	:	**CP-RW-2017-06-13-01**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by the Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-06-17
Sample ID No	:	2017-06-13-01/01
Type of Mix	:	Coarse Aggregate for BC (Bituminous Concrete)
Date of test	:	13-06-17

Date: 16-06-17

SLNo	Details of Observations	Index	Unit	Test 1	Test 2	Mean Value
1	Weight of Wet aggregates + Basket suspended in water	A1	grams	2265	2206	
2	Weight of Empty Basket suspended in water	A2	grams	728	762	
3	Weight of Aggregates in water	A=A1-A2	grams	1537	1444	
4	Weight of Saturated Surface Dry aggregate	B	grams	2405	2272	
5	Weight of oven dried aggregate	C	grams	2258	2268	
6	Specific gravity	C/(B-A)		2.60	2.74	2.67
7	Apparent Specific gravity	C/(C-A)		3.13	2.75	2.94
8	Water absorption	100*(B-C) /C	Percent	6.51	0.18	3.34

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE (IS:2386 Part 1)

Lab ID	:	**CP-RW-2017-06-13-01** **Date: 14-06-17**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-06-17
Sample ID No	:	2017-06-13-01/01
Type of Mix	:	Coarse Aggregate for BC (Bituminous Concrete)
Date of test	:	14-06-17

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 500-16
Flakiness Index	14.8%	Combined Flakiness & Elongation Index for BC is Maximum 35%
Elongation Index	12.1%	
Combined Flakiness and Elongation Index for BC	26.9%	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro. Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quallity Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

TEST REPORT ON BITUMEN

Lab ID	:	CP-2017-06-10-03
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Agency	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Customer's Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	10-06-17
Sample ID No	:	2017-06-10-03/01
Sample Type	:	Bitumen
Reference to BIS codes	:	IS: 1201-1220(1978) (Reaffirmed-2004)
Date of test	:	10-06-17

Date: 12-06-17

Test Results

Sl.no	Name of Test	Result	Requirements as per IS:73-2013
1	Penetration at 25°C , in 1/10th mm	68	60 to 70
2	Softening Point, °C	49.2	Min. 40°C
3	Ductility, cm	95	Min. 75cm
4	Flash point, °C	232	Min. 220°C
	Fire point, °C	241	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilprooxperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Lab ID : CP-RW-2017-06-13-01 **Date: 15-06-17**

Customer : Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.

Address : Yelahanka sub division, BBMP, Bangalore.

Project Name : Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.

Agency : Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.

Customer Reference : BBMP/EE(YN.D)/W.O/124/2016-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 13-06-17

Sample ID No : 2017-06-13-01/01

Type of Mix : BC(Bitumenous Concrete)

Date of test : 13-06-17

Type of Binder : 60/70

% of Binder Used : 5.0%

Weight of Aggregate : 200.0 gm

Weight of Binder : 10.0 gm

Temperature of water bath : 40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-8
1	97.5	2.5	98.0	Minimum Retained Coating 95%
2	98.5	1.5		
3	98.0	2.0		

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro BANGALORE Sig..... Date.....

FOR CIVIL Pro.

R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES|

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-06-13-01** **Date: 14-06-17**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-06-17
Sample ID No	:	2017-06-13-01/01
Type of Mix	:	BC-Plant (Bituminous Concrete)
Date of test	:	13-06-17
Oven Dry Weight	:	5000 Grams

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	81	81	1.6	98.4	90-100
9.5	714	795	15.9	84.1	70-88
4.75	903	1698	34.0	66.0	53-71
2.36	602	2300	46.0	54.0	42-58
1.18	485	2785	55.7	44.3	34-48
0.6	514	3299	66.0	34.0	26-38
0.3	536	3835	76.7	23.3	18-28
0.15	448	4283	85.7	14.3	12-20
0.075	329	4612	92.2	7.8	4-10
PAN	388	5000	100	0.0	0

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TESTS RESULTS ON STABILITY OF MIX

Lab ID : **CP-RW-2017-06-13-01** **Date: 14-06-17**

Customer : Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.

Address : Yelahanka sub division, BBMP, Bangalore.

Agency : Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.

Project Name : Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.

Customer Reference : BBMP/EE(YN.D)/W.O/124/2016-17

Source of Sample : Hot Mix Plant, Bangalore

Sample Condition : Satisfactory

Date of Receipt : 13-06-17

Sample ID No : 2017-06-13-01/01

Type of Mix : BC (Bituminous Concrete)

Date of test : 14-06-17

The results of the tests conducted on the Bituminous Concrete mix sample are as follow

Sl.No	Particulars of observations	TEST 1	TEST 2	Secified limits as per MORTH specification table 500-11
1	Marshal Stability at 60°C, KN	11.14	11.03	10KN(min)
2	Marshal flow at 60°C, mm	3.48	3.53	2-4
3	Percent air Voids	4.71	4.73	3-5
4	Percent Voids in mineral Aggregate(VMA %)	13.98	14.06	13-15
5	Percent Voids filled with Bitumen(VFB %)	71.17	70.93	65-75
6	Density, g/cc	2.25	2.26	–

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate.

Prepared By:
Harshitha

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2011)

Lab ID	:	**CP-RW-2017-06-17-01**
Customer	:	Assistant Executive Engineer, Yelahanka sub division, BBMP, Bangalore.
Address	:	Yelahanka sub division, BBMP, Bangalore.
Project Name	:	Providing pot hole filing at chowdeshwari ward No:02 of Yelahanka Sub Division.
Agency	:	Sri.B.B.Umesh SMLP Asphalts, Bettahalasoor V & Post Bangalore North.
Customer Reference	:	BBMP/EE(YN.D)/W.O/124/2016-17
Source of Sample	:	Sample supplied by Agency
Date of Receipt	:	17-06-17
Sample ID No	:	2017-06-17-01-01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	17-06-17

Date: 19-06-17

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	501
2	Weight of the sample After extraction	B	470	470
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	6.00	6.19
4	Average percentage	%	6.1	

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Lab ID : CP-RW-2017-06-17-01
Sample ID : 2017-06-17-01-01
Date: 19-06-17

AFTER EXTRACTION - Trail-1

Total Weight of the Sample(gm) : 470

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	1	1	0.2	99.8	90-100
9.5	67	68	14.5	85.5	70-88
4.75	112	180	38.3	61.7	53-71
2.36	76	256	54.5	45.5	42-58
1.18	29	285	60.6	39.4	34-48
0.6	11	296	63.0	37.0	26-38
0.3	48	344	73.2	26.8	18-28
0.15	37	381	81.1	18.9	12-20
0.075	43	424	90.2	9.8	4-10

AFTER EXTRACTION - Trail-2

Total Weight of the Sample(gm) : 470

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	3	3	0.6	99.4	90-100
9.5	71	74	15.7	84.3	70-88
4.75	121	195	41.5	58.5	53-71
2.36	70	265	56.4	43.6	42-58
1.18	31	296	63.0	37.0	34-48
0.6	24	320	68.1	31.9	26-38
0.3	25	345	73.4	26.6	18-28
0.15	32	377	80.2	19.8	12-20
0.075	53	430	91.5	8.5	4-10

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES|